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## U.S. PATENT DOCUMENTS

Examiner's Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or Issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
		4,806,463		Goodchild et al.	02-21-1989
		5,004,810		Draper	04-02-1991
		5,166,195		Ecker	11-24-1992
		5,194,428		Agrawal et al.	03-16-1993
		5,264,423		Cohen et al.	11-23-1993
		5,276,019		Cohen et al.	01-04-1994
		5,696,248		Peyman et al.	12-09-1997
		6,506,386	B1	Friede et al.	01-14-2003
		6,749,856	B1	Berzofsky et al.	06-15-2004
		6,852,705	B2	Audomnet et al.	02-08-2005
		7,354,909	B2	Klinman et al.	04-08-2008
		7,402,572	B2	Krieg et al.	07-22-2008
		7,410,975	B2	Lipford et al.	08-12-2008
		7,488,490	B2	Davis et al.	02-10-2009
		7,517,861	B2	Krieg et al.	04-14-2009
		7,524,828	B2	Krieg et al.	04-28-2009
		7,534,772	B2	Weiner et al.	05-19-2009
		2003-0176389	A1	Raz et al.	09-18-2003
		2003-0225016	A1	Fearon et al.	12-04-2003
		2003-0232443	A1	Bennett et al.	12-18-2003
		2004-0006010	A1	Carson et al.	01-08-2004
		2005-0019340	A1	Garcon et al.	01-27-2005
		2005-0238660	A1	Babiuk et al.	10-27-2005
		2007-0202575	A1	Klinman et al.	08-03-2007
		2007-0258994	A1	Van Nest et al.	11-08-2007
		2008-0113929	A1	Lipford et al.	05-15-2008
		2008-0152662	A1	Agrawal et al.	06-26-2008
		2008-0226649	A1	Schetter et al.	09-18-2008
		2009-0017021	A1	Davis et al.	01-15-2009
		2009-0060927	A1	Wagner et al.	03-05-2009
		2009-0155307	A1	Davis et al.	06-18-2009

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DATE CONSIDERED:

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FORM PTO-1449/A and B (modified PTO/SB/08)				APPLICATION NO.: 10/735,592	ATTY. DOCKET NO.: C1037.70038US01
				FILING DATE: December 11, 2003	CONFIRMATION NO.: 2533
				APPLICANT: Arthur M. Krieg et al.	
Sheet	2	of	2	GROUP ART UNIT: 1645	EXAMINER: Nita M. Minnifield

#### FOREIGN PATENT DOCUMENTS

Examiner's Initials <sup>#</sup>	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/ Country	Number	Kind Code			
	EP	1 187 629	A2		Smithkline Beecham Biologicals, S.A.	10-26-2000	
	EP	1 550 458	A1		Vectron Therapeutics AG	07-06-2005	
	WO	97/30728	A1		Morein et al.	08-28-1997	
	WO	2008/068638	A2		Coley Pharmaceutical GMBH	06-12-2008	
	WO	2008/139262	A2		Coley Pharmaceutical GMBH	11-20-2008	

#### OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials <sup>#</sup>	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
		FATHI et al., Oligonucleotides with novel, cationic backbone substituents: aminoethylphosphonates. Nucleic Acids Res. 1994 Dec 11;22(24):5416-24.	
		JIANG et al., Synthetic vaccines: the role of adjuvants in immune targeting. Curr Med Chem. 2003 Aug;10(15):1423-39.	
		JOSEPH et al., Liposomal immunostimulatory DNA sequence (ISS-ODN): an efficient parenteral and mucosal adjuvant for influenza and hepatitis B vaccines. Vaccine. 2002 Sep 10;20(27-28):3342-54.	
		LYER et al., Modified oligonucleotides—synthesis, properties and applications. Curr Opin Mol Ther. 1999 Jun;1(3):344-58. Review.	
		MARSHALL et al., Identification of a novel CpG DNA class and motif that optimally stimulate B cell and plasmacytoid dendritic cell functions. J Leukoc Biol. 2003 Jun;73(6):781-92.	
		SCHEULE, The role of CpG motifs in immunostimulation and gene therapy. Adv Drug Deliv Rev. 2000 Nov 15;44(2-3):119-34.	
		VERTHELYI et al., CpG oligodeoxynucleotides as vaccine adjuvants in primates. J Immunol. 2002 Feb 15;168(4):1659-63.	
		VOLLMER et al., Identification of a new class of CpG oligonucleotides capable of inducing both B cell proliferation and high IFN-alpha secretion from PBMC of HCV chronic carriers. Antiv Ther. 2002;7:L115.	
		VOLLMER, CpG motifs to modulate innate and adaptive immune responses. Int Rev Immunol. 2006 May-Aug;25(3-4):125-34. Abstract.	
		WILSON et al., Complex roles of CpG in liposomal delivery of DNA and oligonucleotides. Biosci Rep. 2002 Apr;22(2):309-22. Review.	
		YU et al., Immunomers'—novel 3'-3'-linked CpG oligodeoxyribonucleotides as potent immunomodulatory agents. Nucleic Acids Res. 2002 Oct 15;30(20):4460-9.	

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